

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
22 September 2005 (22.09.2005)

PCT

(10) International Publication Number
WO 2005/087105 A3

- (51) International Patent Classification⁷: **A61B 6/00**
- (21) International Application Number:
PCT/IB2005/050697
- (22) International Filing Date:
25 February 2005 (25.02.2005)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
04100935.8 8 March 2004 (08.03.2004) EP
- (71) Applicant (for DE only): **PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH** [DE/DE]; Stein-
damm 94, 20099 Hamburg (DE).
- (71) Applicant (for all designated States except DE, US):
KONINKLIJKE PHILIPS ELECTRONICS N. V.
[NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven
(NL).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): **SCHWIEKER, Horst-Hartwig** [DE/DE]; c/o Philips Intellectual Property
& Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE).
- (74) Agent: **VOLMER, Georg**; Philips Intellectual Property &
Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

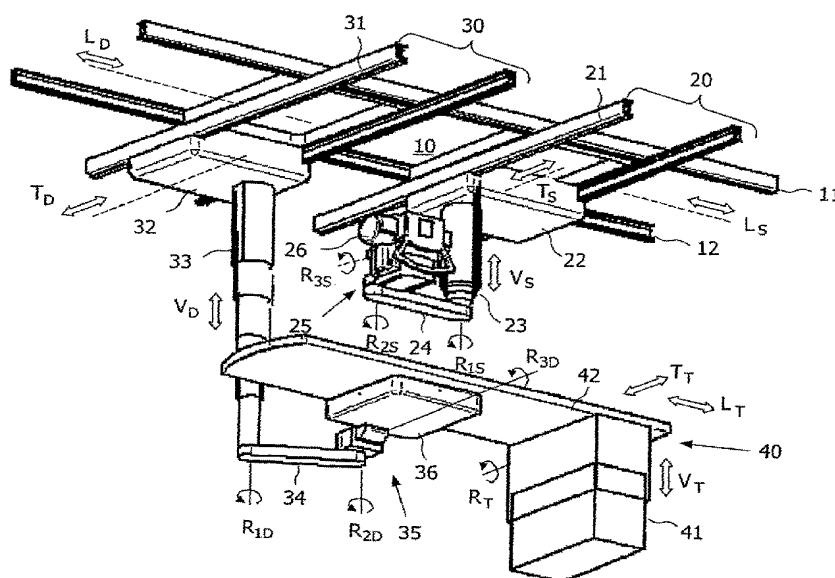
Published:

— with international search report

(88) Date of publication of the international search report:
23 February 2006

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: CEILING MOUNT FOR X-RAY SYSTEM



(57) Abstract: The invention relates to an X-ray installation having two ceiling mounts (20, 30), to which the X-ray tube (26) respectively the X-ray detector (36) are fixed. The ceiling mounts comprise crossbeams (21, 31), which are mounted on the guide rails (11, 12) so as to slide in the longitudinal direction (Ls, Ld) and which in turn carry carriages (22, 32) slidable in the transverse direction (Ts, Td). Length-adjustable arms (23, 33) are secured to the carriages (22, 23) and at their ends are mounted transverse arms (24, 34) rotatable about a vertical axis of rotation (R15, R1D). The transverse arms in turn carry equipment carriers (25, 35) rotatable about axes of rotation (R25, R2D), to which lastly the X-ray tube (26) respectively the X-ray detector (36) are secured.



WO 2005/087105 A3